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**From:** Chism, William [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=475879B16C29401A9449DDB69D5F7EB1-WILLIAM CHISM]  
**Sent:** 9/21/2020 7:03:17 PM  
**To:** Jason Keith Norsworthy [jnorswor@uark.edu]; Stanley Culpepper [stanley@uga.edu]; Bradley, Kevin [bradleyke@missouri.edu]; Orlowski, John [Orlowski.John@epa.gov]; jmcginty@tamu.edu  
**Subject:** RE: Cotton Weed Control Question: dicamba followed by glufosinate

Hi Jason

Thanks for the quick reply. I think Larry is recommending glufosinate for this problem. We want to make sure there isn't some other likely candidate that we are missing.  
Bill

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Bill Chism  
Senior Biologist  
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**From:** Jason Keith Norsworthy <jnorswor@uark.edu>  
**Sent:** Monday, September 21, 2020 1:51 PM  
**To:** Chism, William <Chism.Bill@epa.gov>; Stanley Culpepper <stanley@uga.edu>; Bradley, Kevin <bradleyke@missouri.edu>; Orlowski, John <Orlowski.John@epa.gov>; jmcginty@tamu.edu  
**Subject:** RE: Cotton Weed Control Question: dicamba followed by glufosinate

Hi Bill,

If two applications are not controlling Palmer amaranth and the applications were made according to the previous label, I would first ask is it resistant. Regardless of density, two applications applied in a timely manner should control emerged Palmer amaranth. Postemergence applications of dicamba should be accompanied by a residual herbicide like Dual Magnum or Warrant and Liberty (glufosinate) would be applied to control plants that escape earlier control.

You may want to reach out to Larry Steckel. I know he seems to be dealing with dicamba failures on a somewhat routine basis in Tennessee these days.

Regards,  
Jason

Jason Norsworthy, PhD  
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**From:** Chism, William <Chism.Bill@epa.gov>  
**Sent:** Monday, September 21, 2020 11:22 AM

**To:** Jason Keith Norsworthy <jnorswor@uark.edu>; Stanley Culpepper <stanley@uga.edu>; Bradley, Kevin <bradleyke@missouri.edu>; Orlowski, John <Orlowski.John@epa.gov>; jmcginty@tamu.edu

**Subject:** Cotton Weed Control Question: dicamba followed by glufosinate

Hi Jason, Joshua, Kevin, and Stanley

We are working on the benefits of dicamba used over the top on dicamba tolerant cotton and we have a what if question. If a user has a heavy population of Palmer amaranth and they have not been controlled after two applications of dicamba what should they try next? Would it be an application of glufosinate or is there another herbicide that might be recommended in you state? We are estimating a weed control budget using dicamba or alternatives and in some areas if they might need an additional trip through the field due to lack of control we were wondering what that might be.

Thank you. Bill and John

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